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#4

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/835,371

DATE: 10/16/2001
 TIME: 15:21:49

Input Set : A:\24811741.app
 Output Set: N:\CRF3\10162001\1835371.raw

3 <110> APPLICANT: UHLMANN, Eugen
 4 BREIPOHL, Gerhard
 5 WILL, David W
 7 <120> TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES, AND AGENTS AND
 8 PROCESSES FOR PREPARING THEM
 10 <130> FILE REFERENCE: 02481.1743 SEQUENCE LISTING
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/835,371
 C--> 13 <141> CURRENT FILING DATE: 2001-04-17 ✓
 15 <160> NUMBER OF SEQ ID NOS: 53
 17 <170> SOFTWARE: PatentIn Ver. 2.1
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 21
 21 <212> TYPE: DNA ✓
 22 <213> ORGANISM: Artificial Sequence ✓
 24 <220> FEATURE:
 25 <223> OTHER INFORMATION: Description of Artificial Sequence: base sequence
 26 of PNA targeting viral or cellular targets ✓
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 29 gcgtttgc tccttttcg 9
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 37 <220> FEATURE:
 38 <223> OTHER INFORMATION: Description of Artificial Sequence: base sequence
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 48 <213> ORGANISM: Artificial Sequence ✓
 50 <220> FEATURE:
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 68 gcggggctcc atgggggtcg
 71 <210> SEQ ID NO: 5

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of PNA targeting CMV
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of PNA targeting CMV
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94 tattccgtca t 11
97 <210> SEQ ID NO: 7
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99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
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of PNA targeting CMV
106 <400> SEQUENCE: 7
107 ttccgtcatc gtcctctcagg gg 22
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111 <211> LENGTH: 15
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113 <213> ORGANISM: Artificial Sequence
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130 of PNA targeting CMV
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155 <223> OTHER INFORMATION: Description of Artificial Sequence: base sequence
156 of PNA targeting CMV
158 <400> SEQUENCE: 11 18
159 gtgcccgggtt ctccggc
162 <210> SEQ ID NO: 12
163 <211> LENGTH: 17
164 <212> TYPE: DNA
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167 <220> FEATURE:
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169 of PNA targeting CMV
171 <400> SEQUENCE: 12
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176 <211> LENGTH: 21
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178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
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184 <400> SEQUENCE: 13 21
185 ggagaacatc atggtcgaaa g
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206 <220> FEATURE:
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211 gggaaaagcc cggcaagggg 20

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227 <210> SEQ ID NO: 17
228 <211> LENGTH: 18
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
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233 <223> OTHER INFORMATION: Description of Artificial Sequence: base sequence
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243 <213> ORGANISM: Artificial Sequence
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259 <223> OTHER INFORMATION: Description of Artificial Sequence: base sequence
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262 <400> SEQUENCE: 19
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266 <210> SEQ ID NO: 20
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268 <212> TYPE: DNA
269 <213> ORGANISM: Artificial Sequence
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275 <400> SEQUENCE: 20
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279 <210> SEQ ID NO: 21
280 <211> LENGTH: 18
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence

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284 <220> FEATURE:
285 <223> OTHER INFORMATION: Description of Artificial Sequence: base sequence
286 of PNA targeting CMV
288 <400> SEQUENCE: 21
289 tctcccacg tgcgccat 18
292 <210> SEQ ID NO: 22
293 <211> LENGTH: 19
294 <212> TYPE: DNA
295 <213> ORGANISM: Artificial Sequence
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299 of PNA targeting CMV
301 <400> SEQUENCE: 22
302 qcgcgtatag acatccatg 19
305 <210> SEQ ID NO: 23
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307 <212> TYPE: DNA
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314 <400> SEQUENCE: 23
315 ggaggccccga cc 12
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325 of PNA targeting CMV
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328 gttttcggag gc 12
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347 <213> ORGANISM: Artificial Sequence
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351 of PNA targeting CMV
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/835,371

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Input Set : A:\24811741.app
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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date